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FITHOOD CS-FNB17TW

FITHOOD Replacement Battery User Manual

Model: CS-FNB17TW

1. Introduction

This manual provides essential instructions for the safe and effective use of your FITHOOD CS-FNB17TW replacement Ni-MH battery. This battery is designed for compatibility with various YAESU FT and FTH series two-way radios. Please read this manual thoroughly before installation and operation.

2. Important Safety Information

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not dispose of the battery in fire or water.
- Use only chargers specified for Ni-MH batteries. Improper charging can damage the battery and pose a safety risk.
- Keep the battery away from children.
- If the battery leaks, avoid contact with skin and eyes. Rinse affected areas with water and seek medical attention.
- Recycle used batteries responsibly according to local regulations.

3. Product Overview

The FITHOOD CS-FNB17TW is a high-quality Ni-MH replacement battery designed to power your compatible YAESU two-way radio. It offers reliable performance and is built to meet stringent quality standards.



Figure 1: Side view of the FITHOOD CS-FNB17TW replacement battery, highlighting the gold contact terminals and the charging port for connection to a compatible radio.

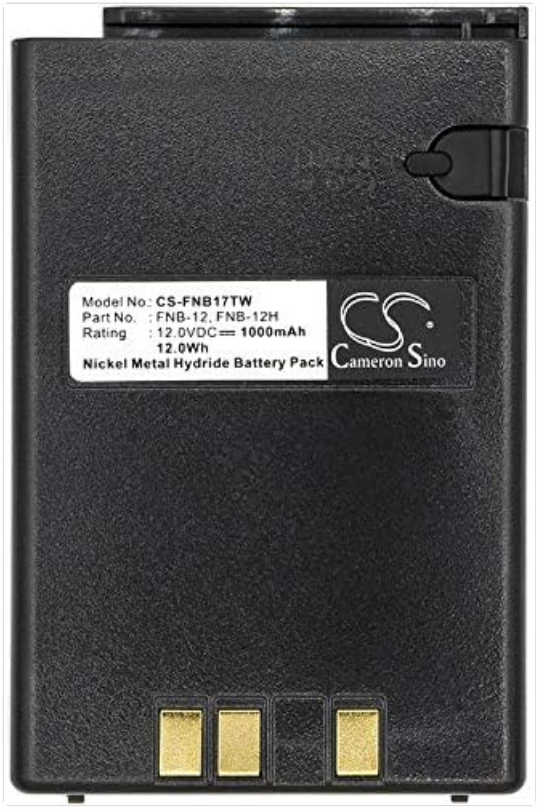


Figure 2: Top view of the FITHOOD CS-FNB17TW replacement battery, displaying the product label which includes the model number (CS-FNB17TW), voltage (12.0V), and capacity (1000mAh).

Compatible Radio Models:

- YAESU FT-470, FT-23R, FT-33R, FT-411, FT-411 Mark II, FT-73R, FT-811, FT-911
- YAESU FTH-2005, FTH-2008, FTH-2010, FTH-7005, FTH-7008, FTH-7010

Compatible Battery Part Numbers:

- FNB-10, FNB-10H, FNB-12, FNB-12H, FNB-14, FNB-14H, FNB-17, FNB-17H

4. Setup and Installation

1. **Verify Compatibility:** Before installation, ensure that the battery model (CS-FNB17TW) and part numbers (FNB-10, FNB-12, FNB-17 series) are compatible with your specific YAESU radio model. Refer to your radio's manual for battery specifications.
2. **Remove Old Battery:** Power off your radio. Locate the battery compartment, typically on the back of the radio. Follow your radio's instructions to safely remove the existing battery.
3. **Install New Battery:** Align the FITHOOD CS-FNB17TW battery with the battery compartment. Gently slide the battery into place, ensuring that the contact terminals align correctly with the radio's contacts. Apply firm, even pressure until the battery clicks securely into position. *Note: Some radios may have a tight fit. Ensure proper alignment and avoid forcing the battery to prevent damage to the radio or battery contacts.*
4. **Secure Battery:** If your radio has a battery latch or screw, secure it to prevent accidental detachment.

5. Operating Instructions

Initial Charging:

For optimal performance, fully charge the battery before its first use. Ni-MH batteries often benefit from a full charge and discharge cycle initially to condition the battery.

1. Connect your YAESU radio with the installed FITHOOD battery to its compatible charger.
2. Ensure the charger's indicator light confirms charging is in progress.
3. Allow the battery to charge completely. Refer to your radio's or charger's manual for typical charging times and indicator light behavior.

Regular Charging:

Recharge the battery when the radio's power indicator shows low battery. Avoid completely draining the battery frequently, as this can reduce its overall lifespan. Ni-MH batteries do not suffer from a significant 'memory effect' like older Ni-Cd batteries, but regular full cycles can still be beneficial.

Usage:

Once charged, the battery is ready for use with your compatible YAESU two-way radio. Monitor the radio's battery indicator during operation to avoid unexpected power loss.

6. Maintenance

Cleaning:

Periodically inspect the battery contacts and the radio's contacts for dirt or corrosion. Clean them gently with a dry, lint-free cloth or a cotton swab moistened with rubbing alcohol. Ensure contacts are dry before re-installing the battery.

Storage:

- If storing the battery for an extended period, charge it to approximately 50-70% capacity.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing the battery in areas with high humidity.
- For very long storage, consider recharging the battery every 3-6 months to prevent deep discharge.

7. Troubleshooting

- **Battery Not Charging:**
  - Ensure the battery is correctly seated in the radio and the radio is properly connected to the charger.
  - Check for any dirt or corrosion on the battery and radio contacts and clean them if necessary.
  - Verify that the charger is functioning correctly and receiving power.
- **Battery Not Fitting Correctly:**
  - Double-check that the battery model is indeed compatible with your specific radio model.
  - Ensure proper alignment during installation. Do not force the battery.
  - Inspect the battery compartment of your radio for any obstructions or deformities.
- **Short Operating Time:**
  - Ensure the battery has been fully charged.
  - Ni-MH batteries may require a few charge/discharge cycles to reach full capacity.
  - Battery capacity naturally degrades over time and with usage cycles. If the battery is old, replacement may be necessary.

If you encounter persistent issues not resolved by these steps, please contact the seller for professional assistance.

8. Specifications

Feature	Specification
Battery Type	Ni-MH
Capacity	1000mAh
Watt-Hours (Wh)	12.00Wh
Voltage	12.0V
Dimensions (L x W x H)	81.00 x 54.00 x 33.00mm (3.19 x 2.13 x 1.3 inches)
Weight	300g / 10.58oz
Certifications	ISO9001, RoHS, CE
Model Number	CS-FNB17TW

9. Warranty and Support

This FITHOOD replacement battery is manufactured under strict quality control and holds ISO9001, RoHS, and CE certifications, ensuring compliance with international standards for quality and safety.
For specific warranty terms and conditions, please refer to the information provided by your point of purchase or contact the seller directly. If you require technical assistance or have questions regarding your battery, please provide your battery details or pictures to the seller for professional suggestions.

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